



National Agricultural Statistics Service
Michigan Field Office
Michigan Department of Agriculture

Michigan Crop-Weather



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Warm Temperatures Return

Fruit

Six days were suitable for fieldwork during the week ending June 18, according to the USDA, NASS, Michigan Field Office. Precipitation amounts ranged from 0.13 inches in the central Lower Peninsula to 1.22 inches in the west central Lower Peninsula. Average temperatures ranged from 1 degree above normal in the south central and southeast Lower Peninsula to 5 degrees above normal in the eastern and western Upper Peninsula. The warm temperatures helped remaining crops to emerge, but many farmers said they needed rain. A farmer in the west central mentioned that, “We had some good growing conditions with warmer temperatures this week. A one-half to 1 inch rain brought some relief from the hot, windy conditions.” A farmer in the south central mentioned that, “Showers of June 18 were spotty. We were fortunate to receive about four-tenths of an inch of rain, which the crops really needed.”

Field Crops

Warm weather helped crop progress and dry conditions allowed farmers to catch up on fieldwork. **Corn** development varied by soil conditions, and growth was uneven in many fields. Some spraying was done. **Soybeans** have emerged and few pest problems were reported. First cuttings of **hay** neared completion. Potato leafhoppers were reported in many areas. **Wheat** finished flowering and fields were turning yellow in some areas. **Dry bean** planting continued. **Sugarbeets** were still showing the effects of the rains in May.

Apples in the southeast and southwest were over an inch in diameter and June drop continued. Most growers were hand thinning to finish evening out apple distribution on limbs. Apple scab lesions were evident, but reporters suspect that the primary scab season is over. Frost as well as pollination and fruit set under unfavorable weather conditions contributed to a spotty apple crop in the west central area. West central reporters indicated the lower third of the canopy had little fruit, and the upper two-thirds had a light to medium apple crop load. **Peaches** were 1.5 inches in the southwest, where oriental fruit moth larvae were found. The southeastern peach crop sized to 1.25 inches. West central area peaches grew to 1 inch, and the crop looked very good. Growers were busy thinning peach trees. **Pear** fruit were about 1 inch in the southwest and southeast. The southeastern pear crop was rated below average to average this year. **Plums** were 18 to 20 mm across the southwest and southeast. Southern Michigan growers anticipate a below average plum crop for 2006. **Tart cherries** were turning yellow in the southwest. Tarts grew to 14 mm in the southeast. **Sweet cherries** in the southwest were showing color and harvest will begin soon. Drop continued for southeastern sweet cherries. West central sweet cherries were 14 to 15 mm in size with expectations of variation in crop load. Southeastern **grapes** were near bloom with a significant amount of new growth. Northwestern producers reported potato leaf hoppers in wine grapes. **Strawberry** harvest was underway in the southwest and southeast. **Blueberries** were 12 to 14 mm in the southeast, where producers expect an above average crop this year.

Vegetables

Vegetable crops progressed well throughout the State. **Asparagus** harvest was completed with some post-harvest herbicides applied to the crop. **Summer squash** and **zucchini** continued to flower and some tunnels were harvested. **Cucumbers** continued to flower with some reports of downy mildew appearing on the crop. **Carrot** plants continued sizing up. **Celery** planting was completed. For early plantings of **cabbage**, harvest began and the crop was looking good. **Snap beans** continued to emerge and looked good. **Pumpkin** plants began to emerge. Early plantings of **potatoes** were in full bloom. **Sweet corn** was developing very nicely and continued to look good in color. **Tomato** and **pepper** planting continued and growth was good.

Soil moisture for week ending 06/18/06

Stratum	Very short	Short	Adequate	Surplus
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Topsoil	6	33	55	6
Subsoil	4	23	69	4

Crop condition for week ending 06/18/06

Crop	Very poor	Poor	Fair	Good	Excellent
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
All Hay	1	5	28	43	23
Barley	0	15	41	38	6
Corn	1	9	30	51	9
Oats	1	5	23	55	16
Pasture	2	7	31	40	20
Soybeans	1	6	28	55	10
Winter Wheat	1	4	18	58	19

Crop progress for week ending 06/18/06

Crop	This week	Last week	Last year	5-year average
	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>
Corn, height	12	8	13	9
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
All hay, first cutting	76	52	70	53
Asparagus, harvested	95	78	96	93
Dry beans, planted	81	51	63	55
Dry beans, emerged	18	NA	36	20
Oats, headed	50	35	56	30
Potatoes, emerged	96	85	90	NA
Soybeans, planted	98	91	100	94
Soybeans, emerged	91	79	98	84
Strawberries, harvested	10	5	53	38
Winter wheat, turning yellow	14	NA	20	NA

Michigan Weather Summary for Week Ending 06/18/06 ¹

Station	Temperature			Cumulative growing degree days ²			Precipitation					
	Maximum	Minimum	Departure from normal	2006	2005	Normal	This week	Last two weeks	Last four weeks	Since April 1	Normal	
											Since April 1	For month
Ironwood	90	34		684	628		0.49	1.12	2.28	7.24		
Marquette	91	40		608	563		0.22	0.93	1.97	9.01		
Stephenson	93	39		721	698		0.00	0.16	2.16	6.34		
Western UP	93	34	5	651	600	511	0.42	1.05	2.26	7.20	7.74	3.61
Cornell	89	42		629	577		0.44	0.86	2.36	7.32		
Sault St Marie	88	44		584	534		0.21	0.23	0.32	4.54		
Eastern UP	92	34	5	583	534	385	0.24	0.58	1.64	6.83	7.18	3.26
Beulah	92	44		735	757		0.43	1.07	1.66	7.44		
Lake City	89	42		714	700		0.45	1.38	3.70	10.65		
Old Mission	92	42		700	682		0.43	1.26	2.21	6.13		
Pellston	93	37		725	684		0.30	0.35	1.17	6.10		
Northwest	93	37	3	686	683	602	0.41	1.39	2.60	7.90	6.99	3.03
Alpena	95	42		700	617		0.48	0.48	1.47	6.13		
Houghton Lake	90	39		748	712		0.80	0.93	2.53	7.09		
Rogers City	93	43		724	635		0.59	0.68	1.81	6.75		
Northeast	95	37	3	733	687	571	0.61	0.67	1.85	6.95	6.99	2.90
Fremont	90	45		803	822		0.35	1.58	2.05	9.07		
Hart	88	42		722	776		1.97	2.37	4.25	10.51		
Muskegon	91	47		756	815		0.26	1.12	1.87	8.57		
West Central	91	33	2	757	793	680	1.22	1.77	2.87	9.20	7.64	2.94
Alma	92	45		851	827		0.19	1.21	2.94	8.75		
Big Rapids	92	45		846	776		0.00	1.02	2.73	7.76		
Central	92	44	3	841	799	729	0.13	1.04	2.73	8.35	7.79	3.36
Bad Axe	92	45		763	733		0.47	0.62	2.62	6.48		
Pigeon	93	46		786	721		0.31	0.33	1.45	6.93		
Saginaw	89	45		800	760		0.19	0.30	1.59	8.74		
Standish	92	43		774	718		0.14	0.30	1.74	9.85		
East Central	93	43	2	761	744	706	0.32	0.45	2.06	7.51	7.00	3.08
Fennville	91	45		736	845		0.10	1.06	1.58	8.39		
Grand Rapids	92	49		856	864		0.16	0.37	2.89	8.74		
Holland	93	48		810	868		0.09	0.09	0.54	4.38		
South Bend, IN	92	47		882	948		1.17	1.54	2.98	9.42		
Watervliet	92	49		836	900		0.25	0.86	1.65	6.65		
Southwest	95	43	2	827	888	780	0.23	0.64	1.41	6.60	8.46	3.55
Belding	90	42		819	807		0.05	0.76	1.32	7.06		
Coldwater	91	45		847	827		0.49	0.91	1.95	6.51		
Lansing	89	45		844	864		0.32	0.86	1.33	7.44		
South Central	92	42	1	843	867	783	0.30	0.70	1.70	6.72	8.10	3.57
Detroit	90	49		935	897		0.15	0.19	2.24	9.22		
Flint	90	42		822	823		1.05	1.14	2.19	8.68		
Romeo	92	42		880	788		0.33	0.57	1.02	7.34		
Tipton	91	47		859	875		0.35	0.61	3.16	8.34		
Toledo, OH	92	50		947	912		0.57	0.79	2.14	8.81		
Southeast	93	40	1	877	864	750	0.41	0.64	1.80	8.01	8.02	3.36

¹ Issued by the USDA, NASS, Michigan Field Office in cooperation with the U.S. Department of Commerce, Michigan State University's Cooperative Extension Service, Agricultural Meteorologist, Department of Geography, and Crop Advisory Team ALERTS.

² Growing degree days (GDD) is the sum of daily mean temperatures minus 50 per day, 86 maximum and 50 minimum. The GDD is accumulative from April 1.

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